

**DECLARATION AND POWER OF  
ATTORNEY FOR PATENT APPLICATION**

ATTORNEY'S DOCKET NO. TH-1923 (US) BGS:JBL
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As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PROCESS FOR TRAPPING PARTICULATE MATTER IN HOT GAS AND TRAP THEREFOR the specification of which is attached hereto unless the following box is checked:

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was filed on \_\_\_\_\_ as United States Application Number or PCT International Application  
Number \_\_\_\_\_ and was amended on \_\_\_\_\_ ( if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 27 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

**PRIOR FOREIGN APPLICATION(S)****Priority  
Not Claimed**

APPLICATION NUMBER	COUNTRY	DAY/MONTH/YEAR FILED
APPLICATION NUMBER	COUNTRY	DAY/MONTH/YEAR FILED

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I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

APPLICATION SERIAL NO.	FILING DATE
60/278,849	March 26, 2001
APPLICATION SERIAL NO.	FILING DATE

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

APPLICATION SERIAL NO.	FILING DATE	STATUS-PATENTED, PENDING, ABANDONED
APPLICATION SERIAL NO.	FILING DATE	STATUS-PATENTED, PENDING, ABANDONED

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

NAME	ATTORNEY/AGENT	REGISTRATION NUMBER	TELEPHONE NUMBER
Beverlee G. Steinberg	Attorney	37,736	(713) 241-7256
NAME	ATTORNEY/AGENT	REGISTRATION NUMBER	TELEPHONE NUMBER
Richard F. Lemuth	Attorney	30,081	(713) 241-3716

Revised June 1995

**SEND CORRESPONDENCE TO:**

(NAME) **Beverlee G. Steinberg**  
c/o Shell Oil Company  
Intellectual Property  
P.O. Box 2463  
Houston, TX 77252-2463



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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name) <b>Steven Paul GILES</b>	
INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE <b>16655 Broadoak Grove Lane, Sugar Land, Texas 77478</b>	CITIZENSHIP <b>United States</b>
POST OFFICE ADDRESS <b>16655 Broadoak Grove Lane, Sugar Land, Texas 77478</b>	

FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name) <b>Alex F. WOLDHUIS</b>	
SECOND INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE <b>10 Leaf Spring Place, The Woodlands, Texas 77382</b>	CITIZENSHIP <b>United States</b>
POST OFFICE ADDRESS <b>10 Leaf Spring Place, The Woodlands, Texas 77382</b>	

FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name) <b>Mark MIGGELBRINK</b>	
THIRD INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE <b>Zwaluwendaal 3, 2914 KL, Nieuwerkerk ann den Ijssel, The Netherlands</b>	CITIZENSHIP <b>Netherlands</b>
POST OFFICE ADDRESS <b>Zwaluwendaal 3, 2914 KL, Nieuwerkerk ann den Ijssel, The Netherlands</b>	

FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) <b>James Arther SALTER</b>	
FOURTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE <b>1903 Mission Springs, Katy, Texas 77450-5055</b>	CITIZENSHIP <b>United States</b>
POST OFFICE ADDRESS <b>1903 Mission Springs, Katy, Texas 77450-5055</b>	

FULL NAME OF FIFTH JOINT INVENTOR, IF ANY (given name, family name) <b>Charles Phillip BRUNDRETT</b>	
FIFTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE <b>13050 Champions Park Drive, Houston, Texas 77069</b>	CITIZENSHIP <b>United States</b>
POST OFFICE ADDRESS <b>13050 Champions Park Drive, Houston, Texas 77069</b>	

ASSIGNMENT

WHEREAS, we, Steven Paul GILES, Alex F. WOLDHUIS, Mark MIGGELBRINK, James Arther SALTER, and Charles Phillip BRUNDRETT have made a certain improvement in PROCESS FOR TRAPPING PARTICULATE MATTER IN HOT GAS AND TRAP THEREFOR, for which application papers for United States Patent thereon, identified as TH-1923 (US), have been executed by us, and,

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said SHELL OIL COMPANY, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of SHELL OIL COMPANY or whomsoever that company may nominate, and to claim the priority of the above-named United States application under the International Convention of Paris of 1883.

With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of SHELL OIL COMPANY to execute such separate deed to SHELL OIL COMPANY or to whomsoever that company may nominate.

And we hereby agree that we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to SHELL OIL COMPANY.

IN TESTIMONY WHEREOF, we have hereunto subscribed our names below.

\_\_\_\_\_  
Steven Paul GILES

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
Date

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
Alex F. WOLDHUIS

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
Date

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
Mark MIGGELBRINK

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
Date

\_\_\_\_\_  
(Witness)



\_\_\_\_\_  
James Arther SALTER

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
Date

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
Charles Phillip BRUNDRETT

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
Date

\_\_\_\_\_  
(Witness)

2000-06-01